

A²
storage means for storing print data for one page; and
a graphic library for generating data reconstructed in the band units
by retrieving the contents stored in said storage means,
wherein said converging means is a printer driver for converting data
supplied in the band units from said graphic library into the page description language data.

A²
12. (Amended) An output apparatus having a structure in a page description
language that corresponds to each object that is supplied in band units and obtained by
dividing one page into a plurality of regions, comprising:
receiving means for receiving the page description language data;
raster converting means for converting the page description language data
received by said receiving means into raster data;
a buffer for storing, in band units, the raster data converted by said raster
converting means; and
a printing mechanism for printing the objects on a printing sheet in accordance
with the raster data read from said buffer;
wherein the raster converting means processes the page description language
data according to a type of command indicated by the page description language data.

A² Sub B²
14. (Amended) An image processing system comprising:
an image processing apparatus including:
reconstructing means for dividing, in band units, print data that
indicates contents of objects positioned in one page which is composed of a plurality of the
bands and reconstructing print data in the band units,
converting means for converting the data reconstructed by said
reconstructing means into page description language data that is in a page description
language form, and
transmitting means for transmitting the page description language data,

wherein the reconstructing means selects a predetermined way of the reconstruction according to a type of the print data; and

an output apparatus including:

receiving means for receiving the page description language data,

raster converting means for converting the page description language data received by said receiving means into raster data,

a buffer for storing, in the band units, the raster data converted by said raster converting means, and

a printing mechanism for printing the objects on a printing sheet in accordance with the raster data read from said buffer.

15. (Amended) An image processing method for an image processing system including an image processing apparatus and an output apparatus, comprising:

dividing, in band units, print data that indicates contents of objects positioned in one page which is composed of a plurality of the bands;

reconstructing the print data in the band units according to a type of the print data;

converting reconstructed data into page description language data in a page description language form;

converting the page description language data into raster data;

storing, in the band units, the converted raster data; and

printing the objects on a printing sheet in accordance with the stored raster data.